

**CITY OF GENEVA, ILLINOIS
FIREFIGHTERS' PENSION FUND**

FINANCIAL STATEMENTS

As of and For the Year Ended April 30, 2018
and
Independent Auditors' Report

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
TABLE OF CONTENTS
As of April 30, 2018

	<u>PAGE</u>
Independent Auditors' Report	1
 <i>REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)</i>	
Management's Discussion and Analysis	MD&A 1 - 5
 <i>FINANCIAL STATEMENTS</i>	
Statement of Fiduciary Net Position	3
Statement of Changes in Fiduciary Net Position	4
Notes to Financial Statements	5
 <i>REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)</i>	
Schedule of Changes in the City's Net Pension Liability and Related Ratios	12
Schedule of Employer Contributions	13
Schedule of Investment Returns.....	14
 <i>SUPPLEMENTARY INFORMATION</i>	
Schedule of Changes in Plan Net Position – Budget and Actual	15

INDEPENDENT AUDITORS' REPORT

INDEPENDENT AUDITORS' REPORT

To the Honorable President
Members of the Firefighters' Pension Board of Trustees
Firefighters' Pension Fund
City of Geneva, Illinois

Report on the Financial Statements

We have audited the accompanying statement of fiduciary net position, and the related statement of changes in fiduciary net position of the City of Geneva Firefighters' Pension Fund, a pension trust fund of the City of Geneva, as of and for the year ended April 30, 2018, and the related notes to the financial statements, which collectively comprise the City of Geneva Firefighters' Pension Fund's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the City of Geneva Firefighters' Pension Fund's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the City of Geneva Firefighters' Pension Fund's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

To the Firefighters' Pension Board of Trustees
City of Geneva, Illinois

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the City of Geneva Firefighters' Pension Fund as of April 30, 2018, and the changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note 1, the financial statements present only the City of Geneva Firefighters' Pension Fund and do not purport to, and do not, present fairly the financial position of the City of Geneva, Illinois, as of April 30, 2018, the changes in its financial position, or, where applicable, its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the required supplementary information as listed in the table of contents be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the City of Geneva Firefighters' Pension Fund's basic financial statements. The supplementary information as listed in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary information is fairly stated in all material respects, in relation to the basic financial statements as a whole.

Baker Tilly Virchow Krause, LLP

Oak Brook, Illinois
October 8, 2018

MANAGEMENT'S DISCUSSION AND ANALYSIS

CITY OF GENEVA FIREFIGHTERS' PENSION FUND
(A Pension Trust Fund of the City of Geneva, Illinois)
MANAGEMENT'S DISCUSSION AND ANALYSIS

This section presents management's discussion and analysis (MD&A) of the Geneva Firefighters' Pension Fund's financial statements. The MD&A addresses the major factors affecting the operations and investment performance of the fund during the fiscal year ended April 30, 2018 and includes comparative information for the fiscal year ended April 30, 2017.

The Geneva Firefighters' Pension Fund (the "Fund") is a defined benefit, single-employer public employees' retirement system in accordance with Illinois statutes. It is a pension trust fund of the City of Geneva, Illinois (the "City"). As of April 30, 2018, the Fund's membership included 20 active employees, 12 benefit recipients, and 4 inactive plan member not yet receiving benefits.

Overview of Financial Statements and Accompanying Information

This discussion and analysis is intended to serve as an introduction to the Fund's financial reporting which is comprised of the following components:

1. **Basic Financial Statements:** This information presents the plan net position held in trust for pension benefits for the Fund as of April 30, 2018. This financial information also summarizes the changes in plan net position held in trust for pension benefits for the year then ended.
2. **Notes to Basic Financial Statements:** The notes to basic financial statements provide additional information that is essential to achieve a full understanding of the data provided in the basic financial statements.
3. **Required Supplementary Information:** The required supplementary information consists of schedules and related notes concerning actuarial information, employer contributions, and investment returns.
4. **Other Supplementary Information:** This section includes a schedule of changes in plan net position with budget versus actual comparisons.

The Fund implemented Statement No. 67 of the Governmental Accounting Standards Board (GASB), *Financial Reporting for Pension Plans*, for the fiscal year ended April 30, 2015. The new financial reporting standard modified the Fund's notes to the basic financial statements and required supplementary information as well as required the calculation of a total pension liability and a net pension liability.

GENEVA FIREFIGHTERS' PENSION FUND

(A Pension Trust Fund of the City of Geneva, Illinois)

MANAGEMENT'S DISCUSSION AND ANALYSIS – Continued

Plan Net Position

The statement of fiduciary net position is presented for the Fund as of April 30, 2017 and 2018. The financial statement reflects the resources available to pay benefits to members, including retirees and beneficiaries, at the end of the years reported. A summary of the Fund's Plan Net Position is presented below:

Condensed Statement of Plan Net Position

	2017	2018	Dollar Change	Percent Change
Cash and Equivalents	\$ 135,544	\$ 232,904	\$ 97,360	41.8%
Investments, at fair value	13,945,742	14,818,356	872,614	5.9%
Receivables	27,452	31,045	3,593	11.6%
Prepaid Expenses	4,529	4,644	115	2.5%
Total Assets	14,113,267	15,086,949	973,682	6.5%
Liabilities	1,675	980	(695)	-70.9%
Total Net Plan Position	\$ 14,111,592	\$ 15,085,969	\$ 974,377	6.5%

Financial Highlights

The Fund's net position increased 6.5% or \$974,377, during the fiscal year ended April 30, 2018. The change in net position was due primarily to an increase in investments from \$13,945,742 to \$14,818,356.

Under the actuarial methodology required for accounting purposes in accordance with GASB Statement No. 67, the Fund was actuarially funded at 71.3% at April 30, 2018.

The annual money-weighted rate of return for the fund was 7.65% during 2018 (net of fees).

Funded Ratio

The funded ratio of the plan measures the ratio of net position against actuarially determined liabilities and is one indicator of the fiscal strength of a pension fund's ability to meet obligations to its members. An annual actuarial valuation is required by statute. The most recent available valuation showed that the funded status of the Fund as of April 30, 2018 was 71.3% based upon the actuarial parameters established in GASB Statement No. 67. The employer's net pension liability (NPL) was \$6,086,685 on April 30, 2018 as compared to \$5,602,113 on April 30, 2017. The increase in the employer's NPL was \$484,572 or 8.6%.

GENEVA FIREFIGHTERS' PENSION FUND

(A Pension Trust Fund of the City of Geneva, Illinois)

MANAGEMENT'S DISCUSSION AND ANALYSIS – Continued

The actuarial assumptions of the Fund are different than those used by the Illinois Department of Insurance for its valuation of similar funds. The Fund assumes salary increases of 5.00% and an interest rate of 7.25% compared to a graduated rate of salary increases and 6.75% interest rate for the State of Illinois. Based upon the funding requirements of the City, the Fund's funded ratio decreased from 71.6% to 71.3% between April 30, 2017 and 2018. For more information, please refer to the Schedule of Changes in the Employer's Net Pension Liability and Related Ratios included in the Required Supplementary Information section of this report.

Investments

The allocation of investment assets for the Fund as of April 30, 2017 and 2018 were as follows:

Allocation of Investments

	2017		2018	
	Amount	Percentage	Amount	Percentage
Cash and Cash Equivalents	\$135,544	1.0%	\$232,904	1.5%
Money Market Mutual Funds	30,327	0.2%	15,365	0.1%
US Government and Agency Securities	4,366,077	31.0%	4,351,413	28.9%
Negotiable Certificates of Deposit	291,545	2.1%	282,571	1.9%
Equity Mutual Funds	9,257,793	65.7%	10,169,007	67.6%
Total	<u>\$14,081,286</u>	<u>100.0%</u>	<u>\$15,051,260</u>	<u>100.0%</u>

Proper implementation of the Fund's investment policy requires the performance of the investment portfolio be periodically evaluated and the portfolio be analyzed to insure compliance with established asset allocation targets and statutory requirements. The Funds were shifted to equity mutual funds from US Government and Agency Securities. The changes in the other asset classes were negligible.

Changes in Plan Net Position

A condensed statement of changes in plan net position for the years ended April 30, 2017 and 2018 is presented below. The financial statement reflects the changes in the resources available to pay benefits to plan participants, including retirees and beneficiaries.

GENEVA FIREFIGHTERS' PENSION FUND

(A Pension Trust Fund of the City of Geneva, Illinois)

MANAGEMENT'S DISCUSSION AND ANALYSIS – Continued

Additions

Additions to plan net position include employer and employee contributions and net income from investment activities. Employer contributions rose from \$434,791 in 2017 to \$518,475 in 2018, an increase of \$83,684 or 19.2%. This is consistent with the City's corresponding higher actuarially determined contribution for 2018.

Condensed Statement of Changes in Plan Net Position

	<u>2017</u>	<u>2018</u>	<u>Dollar Change</u>	<u>Percent Change</u>
Additions:				
Employer Contributions	\$ 434,791	\$ 518,475	\$ 83,684	19.2%
Employee Contributions	182,331	176,328	(6,003)	(3.3)%
Net Investment Income	1,330,504	1,058,849	(271,655)	(20.4)%
Total Additions	<u>1,947,626</u>	<u>1,753,652</u>	<u>(193,974)</u>	(10.0)%
Deductions:				
Pension Benefits	570,114	761,771	191,657	33.6%
Administrative Expenses	22,481	17,504	(4,977)	(22.1)%
Total Deductions	<u>592,595</u>	<u>779,275</u>	<u>186,680</u>	31.5%
Net Change in Plan Net Position	<u>\$ 1,355,031</u>	<u>\$ 974,377</u>	<u>\$ (380,654)</u>	(28.1)%

Employee contributions in 2018 decreased by 6,003 or (3.3)% from the prior year. The contributions required of employees are set by state statute as a percentage of gross salary. Employee contributions decreased in 2018 due to retirements within the workforce and the maximum salary constraint on tier 2 pension plan members.

The fund's net investment income for 2018 was \$1,058,849 as compared to \$1,330,504 during 2017. The increase in investment income is due to lower returns in all segments of the portfolio.

Deductions

Deductions from plan net position are primarily benefit payments. During 2017 and 2018, the Fund paid out \$570,114 and \$761,771, respectively, in benefits. This was an increase of approximately \$191,657 or 33.6% between the two fiscal years. This increase was due mainly to new retirees receiving benefits and also to the cost of initial age 55 and recurring annual 3% benefit increases authorized by statute for pensioners. The administrative costs of the Fund represented a nominal amount of total deductions in 2017 and 2018, respectively.

GENEVA FIREFIGHTERS' PENSION FUND

(A Pension Trust Fund of the City of Geneva, Illinois)

MANAGEMENT'S DISCUSSION AND ANALYSIS – Continued

Future Outlook

Employer contributions are expected to increase in 2018 due to the Fund's funded ratio is expected to rise over the course of the next several years based upon the impact of the City making the full actuarially determined contribution each year. It is also anticipated that employee contributions will increase modestly over the next few years consistent with increases in employee salaries. With respect to investment income, the Fund will continue to structure its portfolio with the goal of maximizing returns over the long term within the investment policy guidelines established by the Fund's Board of Trustees and the constraints on allowable investments imposed by state statutes.

Request for Information

This financial report is designed to provide a general overview of Fund finances for interested parties. Questions concerning any information provided in this report or requests for additional financial information should be addressed to the Geneva Firefighters' Pension Fund, 22 S 1st St, Geneva, IL 60134.

BASIC FINANCIAL STATEMENTS

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
STATEMENT OF FIDUCIARY NET POSITION
As of April 30, 2018

Assets

Cash and cash equivalents	\$ 232,904
Investments:	
Negotiable certificates of deposit	282,571
Money market mutual funds	15,365
U.S. government and agency securities	4,351,413
Equity Mutual funds	10,169,007
Accrued interest	31,045
Prepaid Expenses	<u>4,644</u>
Total Assets	<u>15,086,949</u>

Liabilities

Accounts payable	<u>980</u>
Total Liabilities	<u>980</u>

Net Position

Net position restricted for pensions	<u>\$ 15,085,969</u>
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CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
STATEMENT OF CHANGES IN FIDUCIARY NET POSITION
As of April 30, 2018

Additions	
Employer contributions	\$ 518,475
Employee contributions	<u>176,328</u>
Total contributions	<u>694,803</u>
Investment income	514,552
Net appreciation in fair value of investments	573,491
Less: investment expenses	<u>(29,194)</u>
Net investment income	<u>1,058,849</u>
Total Additions	<u>1,753,652</u>
Deductions	
Benefits, including refunds of member contributions	761,771
Administration	<u>17,504</u>
Total Deductions	<u>779,275</u>
Net Increase in Fiduciary Net Position	974,377
Net Position Restricted for Pensions	
Beginning of year	<u>14,111,592</u>
End of year	<u>\$ 15,085,969</u>

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The Firefighters' Pension Fund (Pension Fund) is a pension trust fund of the City of Geneva, Illinois. The Pension Fund is used to account for the Firefighters' Pension Plan ("the Plan"), a single-employer, defined benefit plan for sworn police personnel of the City of Geneva ("the City").

The accounting policies of the Pension Fund conform to accounting principles generally accepted in the United States of America as applicable to governmental units. The accepted standard-setting body for establishing governmental accounting and financial reporting principles is the Governmental Accounting Standards Board (GASB).

A. Reporting Entity

The accompanying financial statements are limited to presenting only the individual Pension Fund and do not include any other funds of the City.

B. Fund Accounting

The Pension Fund uses funds to report on its fiduciary net position and the changes in its fiduciary net position. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain governmental functions or activities. A fund is a separate accounting entity with a self-balancing set of accounts. The Pension Fund is classified in this report in the fiduciary category.

Fiduciary funds are used to account for assets held on behalf of outside parties, including other governments, or on behalf of other funds within the government. When pension plan assets are held under the terms of a formal trust agreement, a pension trust is used.

C. Measurement Focus and Basis of Accounting

The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. The Pension Fund is accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets, deferred outflows of resources, liabilities and deferred outflows of resources associated with the operation of these funds are included on the balance sheet.

The Pension Fund is accounted for using the accrual basis of accounting. Consequently, its additions are recognized when they are earned and its deductions are recognized when they are incurred.

D. Investments

Investments with a maturity of less than one year when purchased, non-negotiable certificates of deposit and other nonparticipating investments are stated at cost or amortized cost. Investment purchases are recorded as of the trade date. Investments with a maturity greater than one year when purchased and all investments of the pension trust funds are stated at fair value for both reporting and actuarial purposes. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

E. Prepaids

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in the financial statements. The cost of prepaid expenses/items is recorded as expenses when consumed rather than when purchased.

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

2. PLAN DESCRIPTION

A. Plan Administration

Firefighter sworn personnel are covered by the Firefighters' Pension Plan which is a defined benefit single-employer pension plan. Although this is a single-employer pension plan, the defined benefits and employee and minimum employer contributions are governed by Illinois Compiled Statutes (40 ILCS 5/3-1) and may be amended only by the Illinois legislature. The City accounts for the Firefighters' Pension Plan as a pension trust fund.

The Plan is governed by a five-member pension board. Two members are appointed by the City's Mayor, one pension beneficiary is elected by the membership, and two fire employees are elected by the membership.

B. Plan Membership

At April 30, 2018, the measurement date, membership of the plan was as follows:

Retirees and beneficiaries	12
Inactive plan members entitled to but not yet receiving benefits	4
Active plan members	<u>20</u>
Total.....	<u>36</u>

C. Benefits Provided

As provided for in the Illinois Compiled Statutes, the Firefighters' Pension Fund provides retirement benefits as well as death and disability benefits to employees grouped into two tiers. Tier 1 is for employees hired prior to January 1, 2011 and Tier 2 is for employees hired after that date. The following is a summary of the Firefighters' Pension Fund as provided for in Illinois Compiled Statutes.

Tier 1 - Covered employees attaining the age of 50 or more with 20 or more years of creditable service are entitled to receive a monthly retirement benefit of one half of the monthly salary attached to the rank held in the fire service at the date of retirement. The monthly pension shall be increased by one twelfth of 2.5% of such monthly salary for each additional month over 20 years of service through 30 years of service to a maximum of 75% of such monthly salary. Employees with at least 10 years but less than 20 years of credited service may retire at or after age 60 and receive a reduced retirement benefit. The monthly pension of a firefighter who retired with 20 or more years of service after January 1, 1977 shall be increased annually, following the first anniversary date of retirement and paid upon reaching at least the age 55, by 3% of the original pension and 3% compounded annually thereafter.

Tier 2 - Covered employees attaining the age of 55 or more with 10 or more years of creditable service are entitled to receive a monthly pension of 2.5% of the final average salary for each year of creditable service. The salary is initially capped at \$106,800 but increases annually thereafter and is limited to 75% of final average salary. Employees with 10 or more years of creditable service may retire at or after age 50 and receive a reduced retirement benefit. The monthly pension of a firefighter shall be increased annually on the January 1 occurring either on or after the attainment of age 60 or the first anniversary of the pension start date, whichever is later. Each annual increase shall be calculated at 3% or one-half the annual unadjusted percentage increase in the CPI, whichever is less.

CITY OF GENEVA
FIREFIIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

D. Contributions

Participants are required by Illinois Compiled Statutes (ILCS) to contribute 9.455% of their base salary to the Plan. If a participant leaves covered employment with less than 20 years of service, accumulated participant contributions may be refunded without accumulated interest. The City is required to contribute the remaining amounts necessary to finance the Plan as actuarially determined by an enrolled actuary. Effective January 1, 2011, the City's contributions must accumulate to the point where the past service cost for the Plan is 90% funded by the year 2040. For the year ended April 30, 2018, the City's contribution was 27.85% of covered payroll.

3. DEPOSITS AND INVESTMENTS

A. Investment Policy

Illinois Statutes authorize the Pension Fund to make deposits/investments in insured commercial banks, savings and loan institutions, obligations of the U.S. Treasury and U.S. Agencies, insured credit union shares, money market mutual funds with portfolios of securities issued or guaranteed by the United States or agreement to repurchase these same obligations, repurchase agreements, short-term commercial paper rated within the three highest classifications by at least two standard rating services, the Illinois Funds Investment Pool, and IMET. Pension funds may also invest in certain non-U.S. obligations, Illinois municipal corporations tax anticipation warrants, veteran's loans, obligations of the State of Illinois and its political subdivisions, and the Illinois insurance company general and separate accounts, mutual funds meeting certain requirements, equity securities, and corporate bonds meeting certain requirements. Pension funds with net assets in excess of \$10,000,000 and an appointed investment adviser may invest an additional portion of its assets in common and preferred stocks and mutual funds, that meet certain requirements. The Pension Fund allows funds to be invested in any type of security authorized by the Illinois Pension Code.

The Pension Fund allows funds to be invested in any type of security authorized by the Illinois Pension Code. The firefighters' pension fund's informal investment policy, in accordance with Illinois Statutes, establishes the following target allocation across asset classes:

Asset Class	Target	Long-Term Expected Real Rate of Return
T Bill	1%	0.40%
Short Gov/Credit	5%	1.90%
Intermediate Govt	36%	1.70%
Large	5%	4.45%
Large Value	5%	4.70%
Mid Value	6%	5.20%
Small	7%	5.60%
Small Value	7%	6.50%
International Developed	4%	4.45%
International Value	7%	6.60%
International Small	7%	7.45%
Emerging Markets	8%	7.50%
REIT	2%	3.90%

State statutes limit the Pension Fund's investments in equities, mutual funds and variable annuities to 65%. Securities in any one company should not exceed 5% of the total fund.

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

A. Investment Policy (cont.)

The long-term expected rate of return on the Pension Fund's investments was determined using an asset allocation study conducted by the Pension Fund's investment management consultant as of April 30, 2018, in which best-estimate ranges of expected future real rates of return (net of pension plan investment expense and inflation) were developed for each major asset class. These ranges were combined to produce long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates or arithmetic real rates of return for each major asset class included in the Fund's target asset allocation as of April 30, 2018 are listed in the table on the previous page.

B. Custodial Credit Risk - Deposits

With respect to deposits, custodial credit risk refers to the risk that, in the event of a bank failure, the government's deposits may not be returned to it. The Fund's investment policy requires all bank balances to be covered by federal depository insurance or by collateral held by an agent of the Fund in the Fund's name. As of April 30, 2018, the Fund does not have any deposits exposed to custodial credit risk.

C. Custodial Credit Risk - Investments

With respect to investments, custodial credit risk refers to the risk that, in the event of the failure of the counterparty to the investment, the Pension Fund will not be able to recover the value of its investments that are in possession of an outside party. The Firefighters' Pension Fund's policy does not address custodial credit risk over investments. However, As of April 30, 2018, the Firefighters' Pension Fund has a custodian, separate from the counterparty, to hold the investments in the Firefighters' Pension Fund's name

D. Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the value of an investment.

As of April 30, 2018, the Pension Fund's investments were as follows:

Investment Type	Fair Value	Maturity (in Years)			
		Less than 1	1-5	6 – 10	More than 10
U.S. Treasury obligations	\$ 1,929,240	\$ 622,216	\$ 930,224	\$ 376,800	\$ -
U.S. Agency obligations	2,422,173	365,454	1,003,454	862,567	190,698
Negotiable CDs	282,571	282,571	-	-	-
Totals	\$ <u>4,633,984</u>	\$ <u>1,270,241</u>	\$ <u>1,933,678</u>	\$ <u>1,239,367</u>	\$ <u>190,698</u>

E. Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The Pension Fund's investment policy requires diversification of the investment portfolio to minimize risk of loss resulting from over-concentration in a particular type of security, risk factor, issuer, or maturity.

At April 30, 2018, there was no concentration of credit risk in the investment portfolio.

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

F. Credit Risk

State Statutes limit the investments in commercial paper to the top three ratings of two nationally recognized statistical rating organizations (NRSRO's). The Pension Fund's investment policy authorizes investments in any type of security allowed for in Illinois statutes regarding the investment of public funds. Negotiable CDs are not rated. As of April 30, 2018, the Pension Fund's investments were rated as follows:

Investment Type	Moody's Investors Services
U.S. agency obligations (implicitly guaranteed)	Aaa

G. Rate of Return

For the year ended April 30, 2018, the annual money-weighted rate of return on pension plan investments, net of Pension Fund investment expense, was 7.65%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

H. Fair Value Hierarchy

The Fund categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. As of April 30, 2018, the Fund's investments are measured using the market valuation method and valuation inputs as follows:

Investment Type	Level 1	Level 2	Level 3	Total
U.S. Treasury obligations	\$ 1,929,240	\$ -	\$ -	\$ 1,929,240
Mutual funds	10,169,007	-	-	10,169,007
U.S. Agency obligations	-	2,422,173	-	2,422,173
Negotiable CDs	-	282,571	-	282,571
Totals	\$ 12,098,247	\$ 2,704,744	\$ -	\$ 14,802,991

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

4. PENSION LIABILITY OF THE CITY

A. Net Pension Liability

The components of the net pension liability of the City as of April 30, 2018 were as follows:

Total pension liability	\$ 21,172,653
Plan fiduciary net position	15,085,968
City's net pension liability	6,086,685
Plan fiduciary net position as a percentage of the total pension liability	71%

The schedule of changes in the City's net pension liability and related ratios, presented as required supplementary information following the notes to the financial statements, presents multi-year trend information related to the funded status of the Pension Fund.

B. Actuarial Assumptions

The total pension liability above was determined by an actuarial valuation performed as of April 30, 2017 using the following actuarial methods and assumptions:

Actuarial valuation date	April 30, 2018
Actuarial cost method	Entry-age normal
Actuarial assumptions:	
Projected salary increases	5%
Inflation	2.50%
Interest rate	7.25%
Cost-of-living adjustments	Tier 1 – 3.00%, Tier 2 – 1.25%
Asset valuation method	Market value

Mortality rates were based on RP-2014 Mortality Table BCHA projected to the valuation date using improvement scale MP-2016.

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
NOTES TO FINANCIAL STATEMENTS
As of and for the Year Ended April 30, 2018

C. Discount Rate

The discount rate used to measure the total pension liability for the Plan was 7.25%, the same as the prior valuation. The projection of cash flows used to determine the discount rate assumed that member contributions will be made at the current contribution rate and that City contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, the Pension Fund's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

D. Discount Rate Sensitivity

The following is a sensitivity analysis of the net pension liability to changes in the discount rate. The table below presents the pension liability of the firefighters calculated using the discount rate of 7.25% as well as what the net pension liability would be if it were to be calculated using a discount rate that is 1 percentage point lower (6.25%) or 1 percentage point higher (8.25%) than the current rate:

	1% Decrease (6.25%)	Current Discount Rate	1% Increase (8.25%)
Net pension liability	\$9,395,666	\$6,086,685	\$3,401,223

REQUIRED SUPPLEMENTARY INFORMATION

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
SCHEDULE OF CHANGES IN THE CITY'S NET PENSION LIABILITY
AND RELATED RATIOS
Last Four Fiscal Years

	2015	2016	2017	2018
Total pension liability				
Service cost	\$ 402,141	\$ 389,913	\$ 422,663	\$ 489,935
Interest	1,097,019	1,241,081	1,394,388	1,437,150
Differences between expected and actual experience	350,386	(225,868)	(475,876)	293,635
Changes of assumptions	486,371	1,156,859	65,743	-
Benefit payments, including refunds of member contributions	(364,529)	(465,657)	(570,114)	(761,771)
Net change in total pension liability	1,971,388	2,096,328	836,804	1,458,949
Total pension liability - beginning	14,809,185	16,780,573	18,876,901	19,713,705
Total pension liability - ending (a)	<u>\$ 16,780,573</u>	<u>\$ 18,876,901</u>	<u>\$ 19,713,705</u>	<u>\$ 21,172,654</u>
Plan fiduciary net position				
Employer contributions	\$ 345,865	\$ 355,690	\$ 434,791	\$ 518,475
Employee contributions	179,157	188,272	182,331	176,328
Net investment income	523,181	(348,987)	1,330,504	1,058,849
Benefit payments, including refunds of member contributions	(364,529)	(465,657)	(570,114)	(761,771)
Administration	(15,818)	(19,591)	(22,481)	(17,504)
Net change in plan fiduciary net position	667,856	(290,273)	1,355,031	974,377
Plan fiduciary net position - beginning	12,378,978	13,046,834	12,756,561	14,111,592
Plan fiduciary net position - ending (b)	<u>\$ 13,046,834</u>	<u>\$ 12,756,561</u>	<u>\$ 14,111,592</u>	<u>\$ 15,085,969</u>
Employer's net pension liability - ending (a) - (b)	<u>\$ 3,733,739</u>	<u>\$ 6,120,340</u>	<u>\$ 5,602,113</u>	<u>\$ 6,086,685</u>
Plan fiduciary net position as a percentage of the total pension liability	77.75%	67.58%	71.58%	71.25%
Covered-employee payroll	\$ 1,788,389	\$ 1,900,740	\$ 1,886,849	\$ 1,861,742
Employer's net pension liability as a percentage of covered-employee payroll	208.78%	322.00%	296.90%	326.93%

Notes to Schedule:

The Plan implemented GASB Statement No. 67 in fiscal year 2015. Information prior to fiscal year 2015 is not available.

CITY OF GENEVA
FIREFIIGHTERS' PENSION FUND
SCHEDULE OF EMPLOYER CONTRIBUTIONS
Last Four Fiscal Years

	2015	2016	2017	2018
Actuarially determined contribution	\$ 345,863	\$ 355,686	\$ 434,791	\$ 493,786
Contributions in relation to the actuarially determined contribution	345,865	355,690	434,791	518,475
Contribution deficiency (excess)	\$ (2)	\$ (4)	\$ -	\$ (24,689)
Covered-employee payroll	\$ 1,788,389	\$ 1,900,740	\$ 1,886,849	\$ 1,861,742
Contributions as a percentage of covered-employee payroll	19.34%	18.71%	23.04%	27.85%

Notes to Schedule:

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry age normal
Amortization method	Level percentage of payroll, closed
Remaining amortization period	23 years
Asset valuation method	Market
Inflation	2.50%
Salary increases	5%
Investment rate of return	7.25%, including inflation, net of investment expenses
Mortality	Experience-based table of rates that are specific to the type of eligibility condition RP-2014 BCHA

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
SCHEDULE OF INVESTMENT RETURNS
Last Four Fiscal Years

	2015	2016	2017	2018
Annual money-weighted rate of return, net of investment expense	4.02%	(2.54%)	10.47%	7.65%

Notes to Schedule:

The Plan implemented GASB Statement No. 67 in fiscal year 2015. Information prior to fiscal years 2015 is not available.

SUPPLEMENTARY INFORMATION

CITY OF GENEVA
FIREFIGHTERS' PENSION FUND
SCHEDULE OF CHANGES IN PLAN NET POSITION
BUDGET AND ACTUAL
As of April 30, 2018

	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual</u>	<u>Variance Over (Under)</u>
Additions				
Employer contributions	\$ 498,790	\$ 498,790	\$ 518,475	\$ 19,685
Employee contributions	<u>187,900</u>	<u>187,900</u>	<u>176,328</u>	<u>(11,572)</u>
Total contributions	<u>686,690</u>	<u>686,690</u>	<u>694,803</u>	<u>8,113</u>
Investment income	400,000	400,000	514,552	114,552
Net appreciation in fair value of investments	500,000	500,000	573,491	73,491
Less: investment expenses	<u>(36,860)</u>	<u>(36,860)</u>	<u>(29,194)</u>	<u>(7,666)</u>
Net investment income	<u>863,140</u>	<u>863,140</u>	<u>1,058,849</u>	<u>180,377</u>
Total Additions	<u>1,549,830</u>	<u>1,549,830</u>	<u>1,753,652</u>	<u>188,490</u>
Deductions				
Benefits	742,950	746,950	761,771	(14,821)
Administration	<u>25,600</u>	<u>25,600</u>	<u>17,504</u>	<u>8,096</u>
Total Deductions	<u>768,550</u>	<u>772,550</u>	<u>779,275</u>	<u>(6,725)</u>
Net Increase in Fiduciary Net Position	<u>\$ 781,280</u>	<u>\$ 777,280</u>	974,377	<u>\$ 195,215</u>
Net Position Restricted for Pensions				
Beginning of year			<u>14,111,592</u>	
End of year			<u>\$ 15,085,969</u>	